

BRAIN PROGENITOR CELL-BASED ASSAY, AND RELATED METHODS
AND COMPOSITIONS

Abstract of the Disclosure

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This invention provides methods for determining whether
an agent increases brain progenitor cell division in a
subject. Furthermore, this invention provides methods
for treating anxiety, depression, a cognitive disorder or
10 a neuro-degenerative disorder or inhibiting the onset of
anxiety, depression or a cognitive disorder by
administering to an afflicted subject a therapeutically
or prophylactically effective amount of the agent.
Finally, this invention provides methods for treating
15 anxiety, depression, a cognitive disorder or a neuro-
degenerative disorder or inhibiting the onset of anxiety,
depression or a cognitive disorder by administering to an
afflicted subject a therapeutically or prophylactically
effective amount of Hh-Ag 1.1, Hh-Ag 1.2, Hh-Ag 1.3, or a
20 derivative of Hh-Ag 1.1, Hh-Ag 1.2 or Hh-Ag 1.3.